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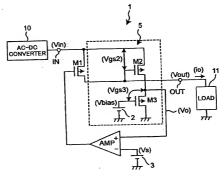
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(54) Title: POWER-SUPPLY APPARATUS



(57) Abstract: A power-supply apparatus for outputting a voltage via one or more switching elements is disclosed. The apparatus includes a voltage-generating circuit for generating an output, voltage Vo proportional to a voltage between an input end and an output end of the switching element, and a control circuit for controlling an operation of the switching element depending on the output voltage Vo. The control circuit causes the switching element to reduce an output current when the output voltage Vo exceeds a predetermined voltage Vs.

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